

Amendments to the Abstract:

Please amend the Abstract as follows:

The present invention includes: a displacement altering unit ~~means-4~~ for generating a displacement control pressure $[[P]]$ corresponding to a displacement control signal $[[i]]$; an input unit ~~means-12~~ for inputting a target displacement $[[\theta]]$; a pressure calculating unit ~~means-10~~ for calculating a displacement control pressure $[[P]]$ corresponding to the target displacement $[[\theta]]$ based upon predetermined reference characteristics of the displacement altering unit ~~means~~ $[[4]]$; a pressure detecting unit ~~means-5~~ for detecting a pressure $[[P_a]]$ corresponding to the displacement control pressure $[[P]]$; a signal calculating unit ~~means-10~~ for calculating a displacement control signal $[[i]]$ corresponding to the input target displacement $[[\theta]]$; and a correcting unit ~~means-10~~ for correcting the displacement control signal calculated by the signal calculating unit ~~means~~ $[[10]]$ based upon the displacement control pressure $[[P]]$ having been calculated by the pressure calculating unit ~~means-10~~ and the measured pressure $[[P_a]]$ detected by the pressure detecting unit ~~means-5~~.